Amendments to the Claims

1. (currently amended) ~~A cash dispensing automated banking~~ The machine according to claim 27 and further comprising:

    at least one computer;

    ~~a~~ wherein the plurality of transaction function devices are in operative connection with the at least one computer ~~, wherein at least one of the transaction function devices includes a cash dispenser~~;

    a device driver layer, wherein the device driver layer includes:

        a plurality of service provider components (SPs) operative in the at least one computer; and

        at least one diagnostic interface;

an application layer operative in the at least one computer, wherein the application layer

includes ~~at least one~~ <u>the</u> terminal application, <u>wherein the terminal application is</u> adapted

to enable a user to perform transaction functions involving the operation of the

transaction function devices;

<u>wherein the</u> ~~an~~ XFS layer <u>is</u> operative in the at least one computer, wherein the at least

one terminal application is adapted to control the operation of the transaction function

devices through communication with the XFS layer, wherein the SPs are adapted to

control the operation of the transaction function devices responsive to the XFS layer; and

<u>wherein a diagnostic application of the at least one</u> ~~a~~ diagnostic application <u>is</u> operative in

the computer, wherein through communication with the <u>at least one</u> diagnostic interface,

the diagnostic application is operative to cause <u>the</u> at least one internal component ~~of the~~

~~at least one of the transaction function devices~~ to perform <u>the</u> at least one function.

2. (original) The machine according to claim 1, wherein the diagnostic application does not

communicate with the at least one diagnostic interface through the XFS layer.

3. (original) The machine according to claim 2, wherein the diagnostic application is operative to

communicate with the XFS layer to deactivate the at least one transaction function device with

respect to the XFS layer.

4. (original) The machine according to claim 2, wherein the at least one internal component includes a motor.

5. (original) The machine according to claim 3, wherein the at least one internal component includes a sensor.

6. (original) The machine according to claim 1, wherein the device driver layer includes a module interface framework, wherein the module interface framework includes a module interface API, wherein the module interface API includes the diagnostic interface, wherein the diagnostic application is operative to cause at least one internal component to perform the at least one function through use of the module interface API.

7. (original) The machine according to claim 6, wherein the SPs are adapted to control the operation of the transaction function devices through use of the module interface API.

8. (original) The machine according to claim 6, wherein the module interface framework includes a plurality of module interface components which correspond to the transaction function devices, wherein each module interface component is adapted to cause at least one corresponding transaction function device to operate, wherein the module interface framework further includes a device server that is responsive to communication from the module interface API to selectively direct at least one of the module interface components to cause a corresponding transaction function device to operate.

9. (original) The machine according to claim 8, wherein the device server is further responsive to communication from the module interface API to selectively direct at least one of the module interface components to cause at least one internal component of a corresponding transaction function device to perform the at least one function.

10. (original) The machine according to claim 9, wherein at least one of the SPs or diagnostic application is operative to register at least one callback function with the device server, wherein the device server is operative responsive to at least one message originating from one of the transaction function devices to call the callback function.

11. (original) The machine according to claim 10, wherein the at least one message is an unsolicited status message.

12. (currently amended) A method comprising:

    a)   causing with a terminal application, at least one transaction function device of an automated banking machine to operate through at least one communication of the terminal application with an ~~XFS~~ extensions for financial services (XFS) layer of the automated banking machine, wherein the automated banking machine includes a plurality of transaction function devices, wherein the plurality of transaction function devices includes a cash dispenser device and at least one card reader device; and

b) causing with at least one diagnostic application, at least one internal component of the at least one transaction function device to perform at least one function without <u>the at least one diagnostic application</u> communicating with the at least one transaction function device through the XFS layer.

13. (original) The method according to claim 12, wherein the automated banking machine includes a module interface framework, wherein in step (a) the module interface framework is responsive to the at least one communication through the XFS layer to cause the at least one transaction function device to operate, wherein in step (b) the module interface framework is responsive to the diagnostic application to cause the at least one internal component to perform the at least one function.

14. (original) The method according to claim 13, wherein the automated banking machine includes a plurality of transaction functions devices, wherein the module interface framework includes a plurality of module interface components, wherein each module interface component corresponds with at least one transaction function device, wherein the automated banking machine further comprises a device server operative in a computer of the automated banking machine, wherein in step (a) the device server is operative to selectively direct one of the module interface components which corresponds to the at least one transaction function device to cause the at least one transaction function device to operate, wherein in step (b) the device server is operative to selectively direct one of the module interface components which corresponds to the

at least one transaction function device to cause the at least one internal component to perform the at least one function.

15. (original) The method according to claim 14, wherein step (a) includes accessing the device server with a service provider component (SP), wherein in step (b) the device server is not accessed using the SP.

16. (original) The method according to claim 15, wherein in step (a) the SP accesses the device server using at least one module interface API, wherein in step (b) the diagnostic application accesses the device server through a diagnostic interface of the at least one module interface API.

17. (original) The method according to claim 15, further comprising:

    c)   registering at least one first callback function of the SP with the device server;

    d)   responsive to at least one first message from the at least one transaction function device, calling the at least one first callback function of the SP with the device server.

18. (original) The method according to claim 17, wherein in step (d) the at least one message is an unsolicited status message of the at least one transaction function device.

19. (original) The method according to claim 17, further comprising:

    e)   registering at least one second callback function of the diagnostic application with the device server; and

    f)   responsive to at least one second message from the at least one transaction function device, calling the at least one callback function of the diagnostic application with the device server.

20. (original) The method according to claim 19, wherein the module interface framework, terminal application, diagnostic application, XFS layer, and SP are operative in the computer of the automated banking machine.

21. (original) The method according to claim 13, wherein step (a) includes accessing the module interface framework with a service provider component (SP), wherein in step (b) the module interface framework is not accessed using the SP.

22. (original) The method according to claim 12, wherein the automated banking machine includes at least one device driver layer, wherein in step (a) the device driver layer is responsive to the at least one communication through the XFS layer to cause the at least one transaction function device to operate, wherein in step (b) the device driver layer is responsive to the

diagnostic application to cause the at least one internal component to perform the at least one function.

23. (original) The method according to claim 21, wherein the device driver layer includes a service provider component (SP), wherein step (a) includes accessing the SP with the XFS layer.

24. (original) The method according to claim 12, wherein in step (b) the at least one internal component includes a motor.

25. (original) The method according to claim 12, wherein in step (b) the at least one internal component includes a sensor.

26. (currently amended) The method according to claim 12, wherein ~~in~~ step (a) ~~the at least one transaction function device includes the cash dispenser~~ includes causing at least one device from among the cash dispenser device and a card reader device to operate.

27. (new) An automated banking machine comprising:

    a plurality of transaction function devices,

        wherein the plurality of transaction function devices includes a cash dispenser
        device and at least one card reader device,

at least one diagnostic application,

an ~~XFS~~ extensions for financial services (XFS) layer,

a terminal application,

    wherein the terminal application, through at least one communication with the

XFS layer, is adapted to cause at least one transaction function device to operate;

        wherein the at least one diagnostic application, without communicating

with the at least one transaction function device through the XFS layer, is

adapted to cause at least one internal component of the at least one

transaction function device to perform at least one function.